

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.116 – EXPEDITED PROCEDURE

Serial Number: 09/663,485

Filing Date: September 13, 2000

Title: SYSTEM AND METHOD FOR MANAGING AND PROVISIONING VIRTUAL ROUTERS

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IN THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A computerized method for provisioning router configuration data for a virtual router in a virtual private network, the method comprising:
providing a switch with a set of processing resources;
allocating a subset of the set of processing resources to a virtual router created within the switch;
automatically determining a set of site reachability data;
reading a routing profile said profile including a routing protocol; and
automatically generating a routing configuration for the virtual router based on the site reachability data and the routing profile.
2. (Previously Presented) The computerized method of claim 1, wherein the routing profile comprises a site profile.
3. (Previously Presented) The computerized method of claim 2 wherein the site profile includes a site type.
4. (Previously Presented) The computerized method of claim 2, wherein the site profile includes a set of one or more site subnets.
5. (Previously Presented) The computerized method of claim 1, wherein the routing profile comprises a global profile.
6. (Previously Presented) The computerized method of claim 5, wherein the global profile includes a default routing protocol for the ISP edge.
7. (Previously Presented) The computerized method of claim 5, wherein the global profile includes a default site type.

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8. (Previously Presented) The computerized method claim 1, further comprising disseminating the set of site reachability data to other routers in a virtual private network (VPN).
9. (Previously Presented) The computerized method of claim 8, wherein disseminating the set of site reachability data comprises reading a set of subnets for a site and creating static routes for the set of subnets.
10. (Previously Presented) The computerized method of claim 8, wherein disseminating the set of site reachability data comprises placing the set of site reachability information in a directory.
11. (Previously Presented) The computerized method of claim 1, wherein the routing profile comprises an OSPF profile.
12. (Previously Presented) The computerized method of claim 11, wherein the OSPF profile includes a route aggregation policy.
13. (Previously Presented) The computerized method of claim 11, wherein the OSPF profile includes an OSPF area defining a set of virtual routers, and wherein generating a configuration includes generating a configuration for each virtual router in the set of virtual routers.
14. (Previously Presented) The computerized method of claim 1, further comprising receiving a selection of one or more virtual routers to receive the generated configuration.

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15. (Previously Presented) A method of configuring a subset of virtual routers in a set of virtual routers created on a switch, the method comprising:
- generating a configuration for the set of virtual routers, said configuration based on at least one routing profile, said profile including a routing policy;
 - receiving a change in the routing policy;
 - displaying a list of virtual routers in the set of virtual routers that were configured using the routing policy;
 - receiving a selection of the subset of virtual routers in the set of virtual routers; and
 - regenerating the configuration for the subset of the virtual routers based on the change in the policy.
16. (Previously Presented) The method of claim 15, wherein the routing profile comprises a site profile.
17. (Previously Presented) The method of claim 15, wherein the routing profile comprises a global routing profile.
18. (Previously Presented) The method of claim 15, wherein the routing policy comprises an OSPF routing profile.